
The advanced HCE
Technology Improvements
Trough Workshop

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HOME

The Selective coating

**From 0.2 & 96% to 0.06 & 96.5%
- at 400 deg C.**

**Flexibility – optimizing the optical
performance according to the
working temperature (as function of
the HCE location at the solar field).**

The Selective coating

**AIR STABLE – low emissivity coating –
stable in air & humidity.**

Non “fluorescent” coating.

THE RESULT:

**Eliminating the need for metal tube
replacement – glass envelop replacement kit**

The Anti Reflective coating

From 94% – 95% to 95.5% to 96.6% in the production line

Higher uniformity.

HCE for DSG - design.



Glass to metal seal improvements program.

Design improvements

**The Production process -
improvements & qualification**

Ongoing programs:

Production line & processes improvements.

QC improvement.

Not necessarily unit price reduction

(85% X Efficiency) \neq price = Zero).